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(54) Titre: METHOD FOR PARTICLE SIZE DISTRIBUTION CONTROL IN A BAYER CIRCUIT DECOMPOSITION CHAIN, COMPRISING AN AGGLOMERATION PHASE			
(54) Titre: PROCEDE DE CONTROLE GRANULOMETRIQUE DANS UNE CHAINE DE DECOMPOSITION DU CIRCUIT BAYER, INCLUANT UNE PHASE D'AGGLOMERATION			
(57) Abstract			
<p>The invention concerns a method for performing decomposition in an American type Bayer circuit whereby the quality of the particle size grading is monitored by measuring the screen undersize at $X2 \mu\text{m}$ of the flowing hydrate, comprising: a) a preparation step which consists in establishing a relationship R between the screen undersize at $X1 \mu\text{m}$ and the screen undersize at $X2 \mu\text{m}$, wherein $X1$ is strictly less than $X2$ and deducing therefrom triggering levels on the screen undersize at $X1 \mu\text{m}$; b) the performing proper of the process consists, besides the daily measurement of the screen undersize at $X2 \mu\text{m}$, in daily measuring the screen undersize at $X1 \mu\text{m}$ of the flowing hydrate and triggering a corrective action on the suspension at the decomposition head when the value of the screen undersize measured at $X1 \mu\text{m}$ reaches one of the triggering levels established during the preliminary step and regularly updated.</p>			